Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 10 Feb 2022 until 23:59 on Friday 11 Feb 2022

Forecast Issued on Thursday 10 Feb 2022 at 00:46

Confidence: High for a showery day Thursday and a mainly dry and bright day Friday but lower with regard to timing of arrival and clearance of rain over the weekend and Monday.

Headline for Thursday 10 Feb 2022: Cold with sunny spells and wintry showers. Strong westerly winds.

Mountain weather hazards on Thursday 10 Feb 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Light snow showers	Light snow showers	Heavy snow showers (night)	Partly cloudy (night)
Precipitation probability					
20%	20%	30%	40%	40%	20%

Forecast for Thursday 10 Feb 2022

Weather: Sunny spells and showers, wintry above 300-400m. Greatest risk of showers during the afternoon and early evening when it will become rather cloudy.

Chance of cloud-free hill tops above 600m: Around 80-90% dropping, especially in west, to around 60% for a time in the afternoon and early evening.

Low cloud and visibility: Occasional cloud above about 600m becoming, especially in west, periods above about 450-600m at times through the afternoon and early afternoon. Otherwise visibility very good falling to several kilometres in sleet showers and perhaps a kilometre in snow showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 10 Feb 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/28 W	25/33 W	26/35 W	30/39 W	28/37 W	18/25 NW	13/19 NW
300	15/22 W	18/26 W	19/27 W	22/32 W	21/31 W	13/21 NW	9/15 NW
Valley	8/20 W	12/26 W	13/26 W	16/31 W	14/30 W	8/20 NW	5/12 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-9	-1/-9	-0/-8	0/-8	0/-8	-1/-7	-2/-7
300	1/-4	1/-5	2/-4	3/-3	3/-3	2/-3	1/-3
Valley	2/-2	2/-3	3/-2	4/-1	3/-1	2/-1	1/-2
Freezing Level*	300m	300m	400m	500m	600m	400m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts up to 50mph over higher peaks in the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 10 Feb 2022	7.6mm	8mm	10.6mm

Forecast for Friday 11 Feb 2022

Weather: One or two light sleet or snow showers around, but most places dry with clear or sunny spells, the sunshine tending to become hazy through the afternoon as high cloud spreads in from the west. Cloud continues to increase through the evening but it should remain dry.

Maximum wind: Westerly backing southerly or southwesterly 10-15mph, increasing 20-25mph through the late afternoon and evening, gusts around 45mph over higher peaks by midnight.

Chance of cloud-free hill tops above 600m: Around 90%.

Low cloud and visibility: Only small amounts of cloud expected below the summits. Otherwise visibility very good falling briefly in any snow showers.

Temperature: **Valleys:** Around minus 2 or 3 Celsius at dawn rising to plus 7 or 8 Celsius in the afternoon.
At 600m: Around minus 2 Celsius, rising to plus 1 Celsius later
Freezing level: Around 400m rising above the summits in the evening

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